

# Notice of Allowability

Application No.

09/934,735

Examiner

Jean M. Corrielus

Applicant(s)

PARMAR, ROHIT J.

Art Unit

2162

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the appeal Brief filed on November 1, 2007.

2. ☒ The allowed claim(s) is/are 18-37 renumbered as claims 1-20.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) ☐ All b) ☐ Some\* c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.

3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.

(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☒ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_

4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other \_\_\_\_\_

JEAN M. CORRIELUS  
PRIMARY EXAMINER  
Jean M Corrielus/  
Primary Examiner, Art Unit 2162

### **DETAILED ACTION**

1. This office action is in response to the Appeal Brief filed on November 1, 2007, in which claims 18-37 are presented for further examination.

#### ***Response to Arguments***

2. Applicant's arguments filed on November 1, 2007, with respect to the rejection(s) of claim(s) 18-37 under 35 USC 103 have been fully considered and are persuasive. Therefore, the final rejection mailed on September 12, 2006 has been withdrawn for further considerations.

#### ***Remark***

3. For the purpose of examination, the "computer readable medium" as mentioned in the specification page 3, paragraph [0007] is only considered as a CD-ROM or HARD DISK or other forms of fixed or portable media which enable a program to be read for execution of the codes by a processor.

### **EXAMINER'S AMENDMENT**

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Scott C. Sample (Reg. No. 52,189) on January 29, 2008.

The application has been amended as follows:

**In the claim:**

Claim 18 (Currently Amended). A cardiological healthcare management system for specialized healthcare needs operable on one of a computer including a visual display and a network of computers including visual displays, respectively, comprising:

a system management database; and

a computer readable medium having stored therein: a data collection module in communication with the system management database and being configured to collect and store patient test data, patient information, and healthcare provider information, wherein the data collection module comprises at least one test data entry form for recording patient cardiological test data;

a data viewing and editing module in communication with the system management database and being configured to limit access to modify the patient test data to preauthorized healthcare worker persons;

a patient information access module in communication with the system management database and being configured to limit access to view tests performed on the patient to the preauthorized healthcare worker persons;

a physician viewing module in communication with the system management database operable to allow preauthorized physicians to view patient test data;

a report generation module in communication with the system management database for producing reports from one or more selected items of patient test data; ; and

means for displaying an image on said visual display, said image including a listing of said modules, respectively.

Claim 32 (Currently Amended). A method for collecting and reporting patient test data using a cardiological healthcare management system for specialized healthcare needs operable on one of a computer including a visual display and a network of computers including visual displays, respectively, said system comprising: a processor;

a memory coupled to the processor, and comprising:

(1) a system management database, (2);

a data collection module in communication with the system management database and being configured to collect and store patient test data, patient information, and healthcare provider information, the data collection module comprising at least one test data entry form for recording patient cardiological test data, (3);

a data viewing and editing module in communication with the system management database and being configured to limit access to modify the patient test data to preauthorized healthcare worker persons, (4);

a patient information access module in communication with the system management database and being configured to limit access to view tests performed on the patient to the preauthorized healthcare worker persons, (5);

a physician viewing module in communication with the system management database operable to allow preauthorized physicians to view patient test data, (6);

a report generation module, ~~and (7); and~~

means for displaying an image on said visual display, said image including a listing of said modules, respectively; ~~and~~ , wherein said method including the steps of:

producing reports for one or more selected items of patient test data pursuant to:

providing an access image on said visual display;

entering a name and a preauthorized password of a healthcare worker person in respective information entry slots of said access image to gain access to the data collection module;

selecting a test data entry form for which data is to be collected;

recording account identification information of a patient whose data is to be collected and stored in the data collection module; and

recording the name of a physician and the name of a person entering data in the data collection module.

***Allowable Subject Matter***

4. The present application has been thoroughly reviewed. Upon searching a variety of databases, the examiner respectfully submits that claims 18-37 are allowable in light of the Applicant's arguments and in light of the prior art made of record.

***Reason For Allowance***

4. The following is an examiner's Statement of Reasons for Allowance: The present invention is directed to a healthcare management system for specialized healthcare needs, wherein the healthcare management system configured to include several of modules into a

display menu that can be accessed by a user of the healthcare application. The closest prior art, Wright et al., (US Patent no. 6,643,671) is directed to a similar an open architecture cardiology information system which preferably has modular object oriented software to allow easy expansion relational database management. The cardiological system of Wright designs generally to include software modules for framework. Lavin also is directed to a system for managing patient medical information to facilitate data management and improve physician access to a recordal of examination data. Lavin discloses a graphical user interface consists of a main menu screen having a plurality of function buttons for selecting one of a predetermined number of patient medical information screens. However, Wright and Lavin either singularly or in combination, fail to anticipate or render obvious the recited features “means for displaying an image on said visual display, said image including a listing of said modules (data collection module, data viewing and editing module, patient information access module, physician viewing module, and report generation module) respectively”. These features, in conjunction with all other limitations of the dependents and independent claim renders claim 18-37 allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

*Conclusion*

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jean M. Corrielus whose telephone number is (571) 272-4032. The examiner can normally be reached on 10 hours shift.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached on (571) 272-4107. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
JEAN M. CORRIELUS  
PRIMARY EXAMINER

/Jean M Corrielus/  
Primary Examiner, Art Unit 2162

April 30, 2008